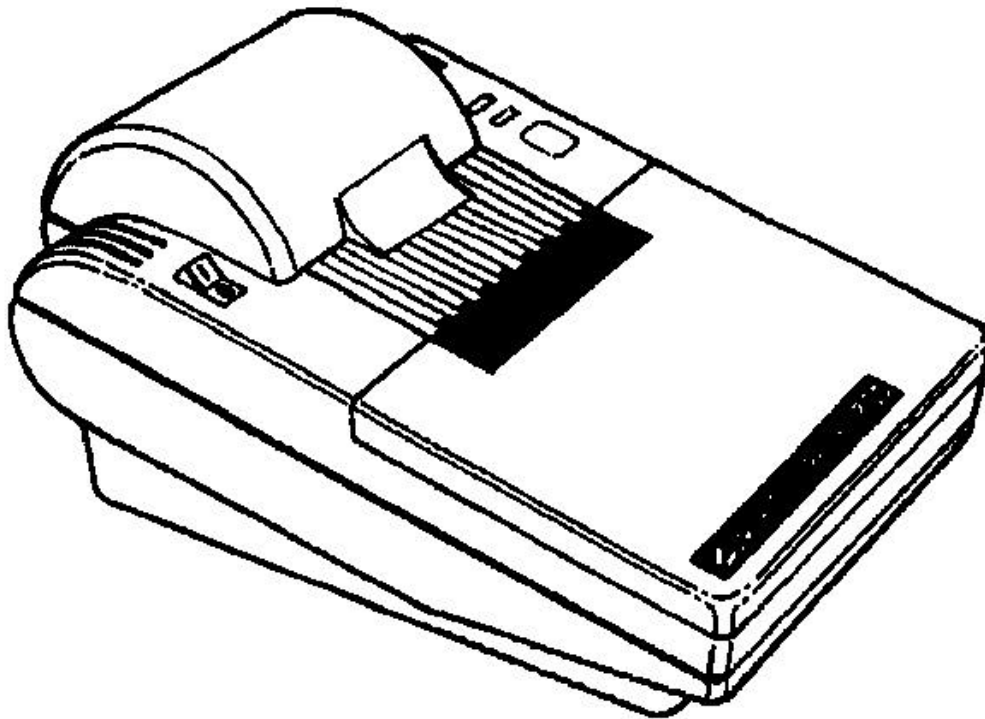


Using the Verifone 250 Receipt Printer With MPI 2002

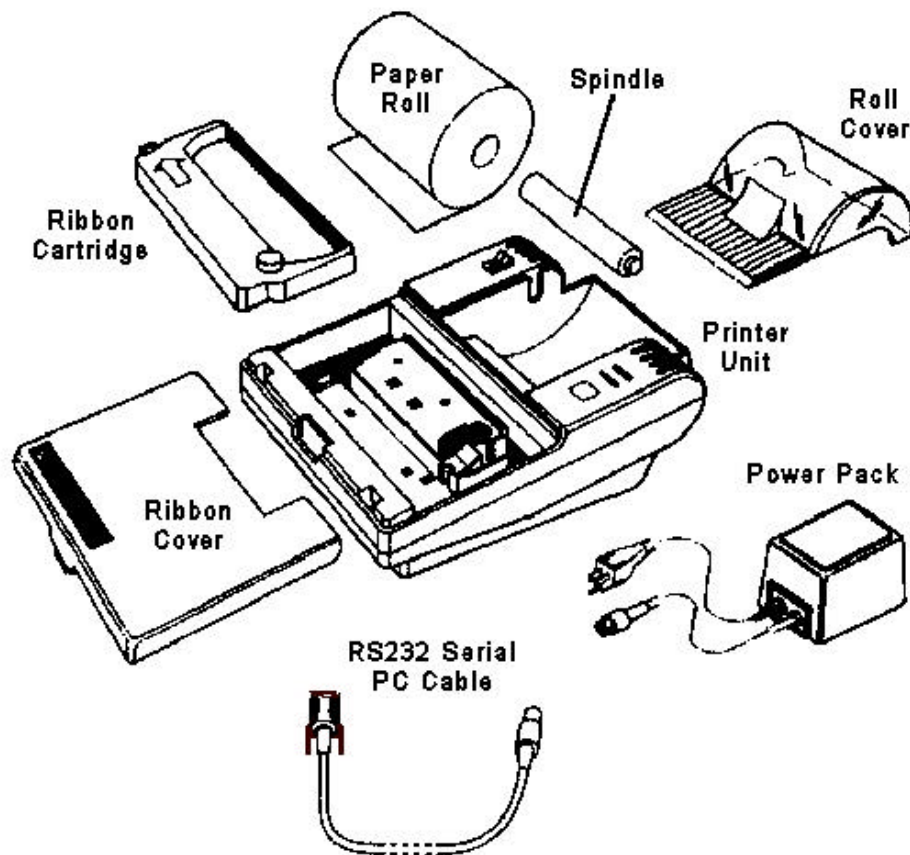


Revised: November 1, 2002

Before You Begin

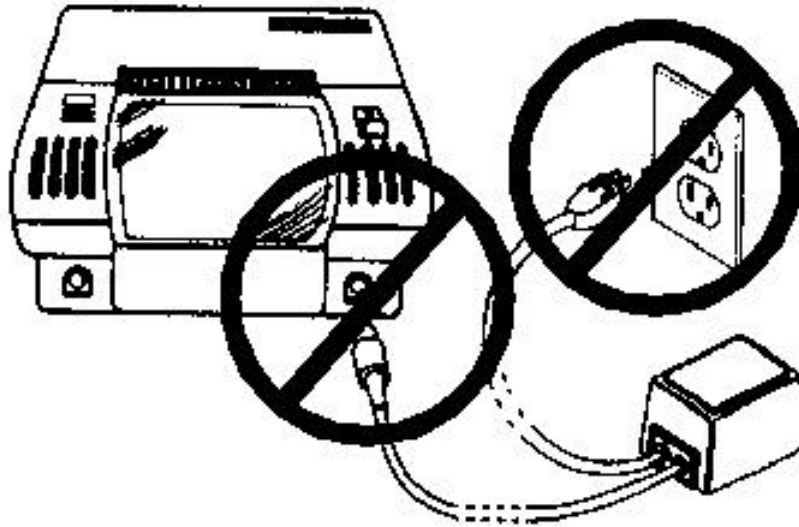
MPI 2002 v. 1.0.8.x has built-in support for Verifone 250 receipt printers. Support for this printer was included to provide a cost-effective solution for receipt printing. Supplies for the Verifone 250 are readily available through a number of vendors and both new and used Verifone 250 printers can be purchased from a number of outlets for far less than most other receipt printer models on the market.

To use your Verifone 250 receipt printer with MPI 2002 you will need to purchase a special serial (RS232) cable from Verifone or an authorized vendor. (Part number: 10765-00) This cable can be ordered from Verifone directly for about ten dollars. Before continuing with this guide, obtain this cable and check to make sure you have the necessary ribbons, paper rolls, etc. Your Verifone 250 receipt printer should have all of the parts shown in Figure 1.1 below.



Connecting The Verifone 250 Receipt Printer

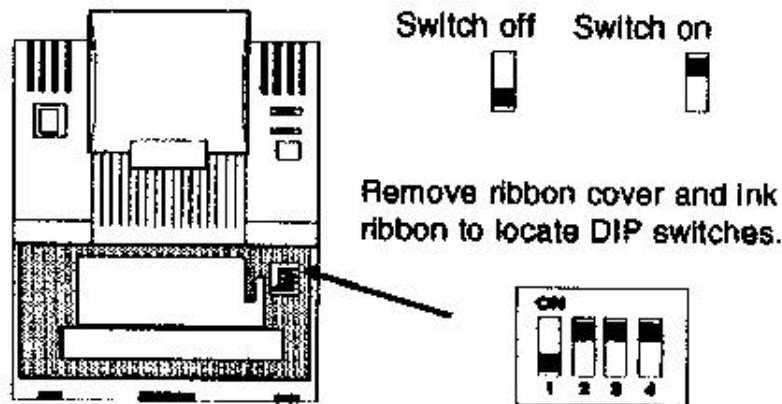
With all of the parts listed in the previous section, we are now ready to connect the receipt printer to your computer. First, let's assemble the various receipt printer parts. (DO NOT INSTALL THE POWER PACK AT THIS TIME. ENSURE THAT THE POWER PACK IS NOT PLUGGED INTO THE WALL.)



Setting DIP Switches

By default, the DIP Switches on your printer should already be correctly set. However, it is a good idea to check these settings before proceeding. The DIP Switches on your printer are located under the Ribbon Cartridge. Remove the Ribbon Cover from the Printer Unit by simultaneously pressing-in and pulling-up on the grooved thumb button on the front panel of your printer. (Below the printer nameplate.) If the Ribbon Cartridge is already installed, gently remove it by pulling up on each side evenly. To the right of the ribbon cartridge assembly (the rectangular metal box that the Ribbon Cartridge sits over) are the DIP Switches.

Turn the entire Printer Unit clockwise until you are looking at the right-side of the unit. Your DIP Switches should look like the diagram on the next page. If they are not, move each DIP Switch using a ballpoint pen or pencil until they all match the illustration.



Installing The Ribbon Cartridge

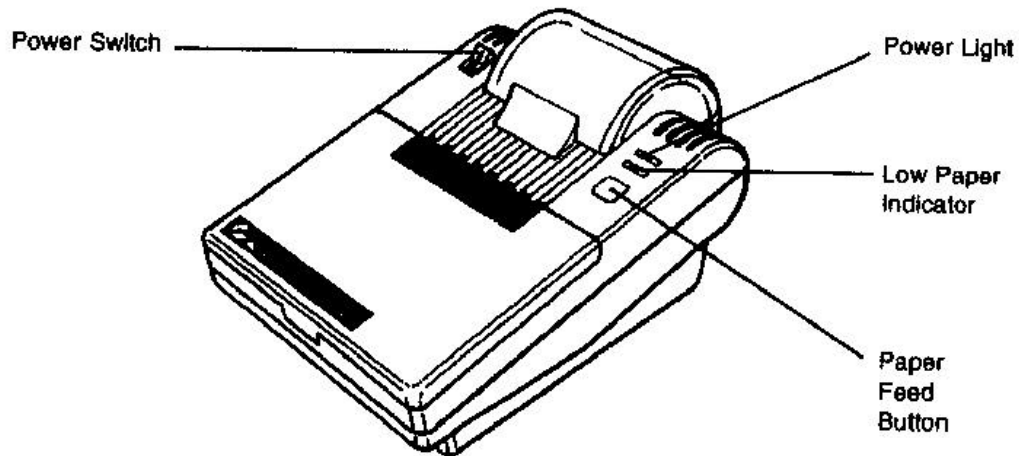
Remove the Ribbon Cover from the Printer Unit by simultaneously pressing-in and pulling-up on the grooved thumb button on the front panel of your printer. (Below the printer nameplate.) Check to determine if a printer Ribbon Cartridge is installed. If a Ribbon Cartridge is installed, skip to the section entitled "Installing Power Pack."

Place the Ribbon Cartridge face up into the ribbon cartridge assembly. The Ribbon Cartridge is face-up if you can read the manufacturer's logo on the top of the cartridge and the ribbon advance spindle (a small, round, toothed wheel on the top right of the cartridge) is visible. Ensure the ribbon itself is in front of the ribbon cartridge assembly. Refer to the Verifone 250 Receipt Printer Manual for more information.

Turn the ribbon advance spindle clockwise until the ribbon is firmly seated in front of the ribbon cartridge assembly. Lastly, replace the Ribbon Cover and proceed to the next section.

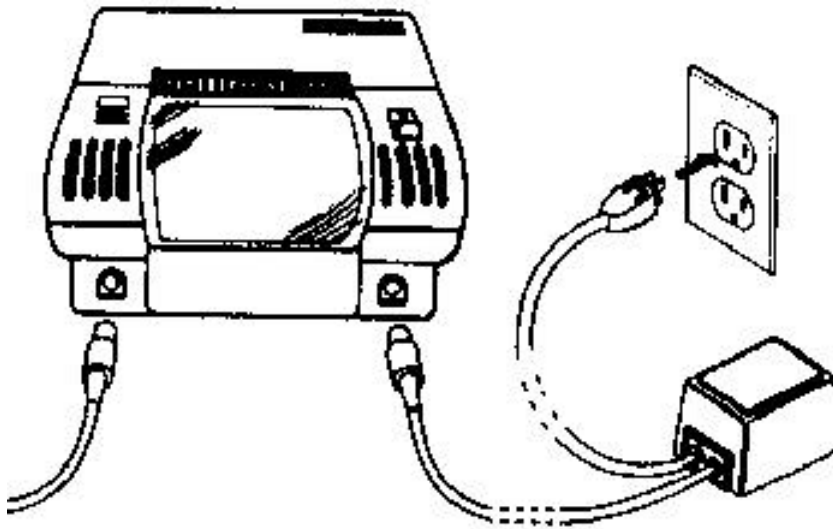
Installing Power Pack

We are now ready to install the Power Pack. Before proceeding, ensure that the Power Switch is in the OFF position. (From the front of the Printer Unit, the Power Switch will be pushed "back" so that the "0" is down and the "I" is up.) In the diagram on the next page, the Power Switch is in the ON position.



Locate the Power Pack and plug the small round cable into the back of the Printer Unit. Refer to the diagram below to locate the correct port. Match the pins on the power cable with the pins holes on the back of the printer. The power cable will only fit in the correct port and only in the correct position. **DO NOT FORCE THE POWER CABLE INTO THE PORT.** Instead, rotate the power cable until the pins match the corresponding holes.

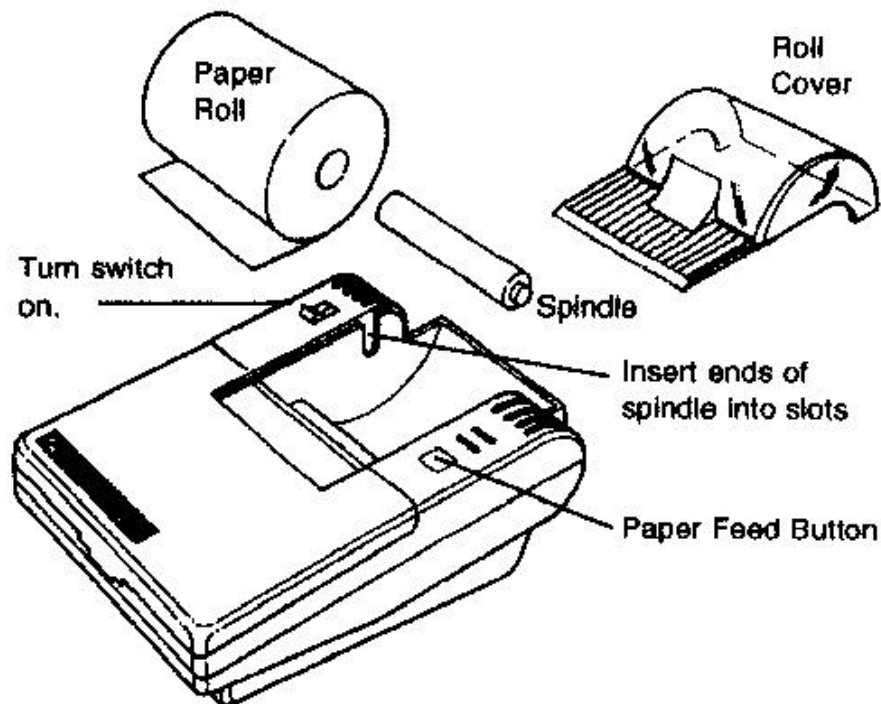
Next, plug the Power Pack into an approved wall socket or power strip. It is strongly recommended that you use a power strip with surge protection when installing your Verifone 250 Receipt Printer.



Finally, toggle the Power Switch to determine if the installation was successful. The printer will make some noises and the Power Light will turn green or red.

Installing Paper Roll

Turn the power on before installing the Paper Roll. Remove the Roll Cover from the Printer Unit, if attached. Put the Spindle through the Paper Roll. Refer to the diagram below for the proper orientation of the paper roll before proceeding.

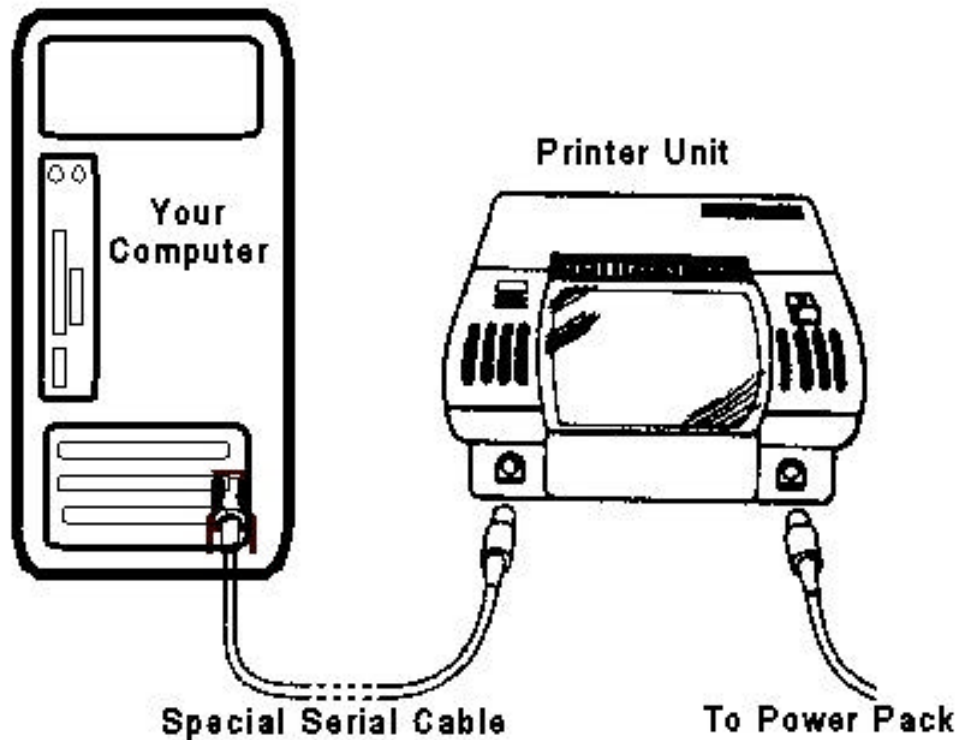


Insert the Paper Roll and Spindle into the slots on each side of the paper bin. Push the end of the Paper Roll into the paper feed slot and press the Paper Feed Button until the paper begins to be pulled through the Printer Unit. Tighten the Paper Roll or use the Paper Feed Button to remove any slack in the Paper Roll, and then replace the Roll Cover on the Printer Unit.

Installing Serial Cable

Using the special PC to Receipt Printer serial cable (Part number 10765-00) we can now connect your printer to your computer. ENSURE THAT THE PRINTER AND YOUR COMPUTER ARE OFF BEFORE PROCEEDING. NEVER INSTALL ANY SERIAL DEVICE TO YOUR COMPUTER IF THE DEVICE OR YOUR COMPUTER ARE POWERED-UP. THIS CAN CAUSE SERIOUS DAMAGE TO THE DEVICE OR YOUR COMPUTER!

The special serial cable has two very different plugs. The small, round plug on one end connects to the Printer Unit. Refer to the diagram below for the location of the Serial Port on the Printer Unit and then plug the special serial cable into the correct port. Rotate the serial cable until the pins line-up with the holes in the serial port. **DO NOT FORCE THE CABLE INTO THE PORT.**



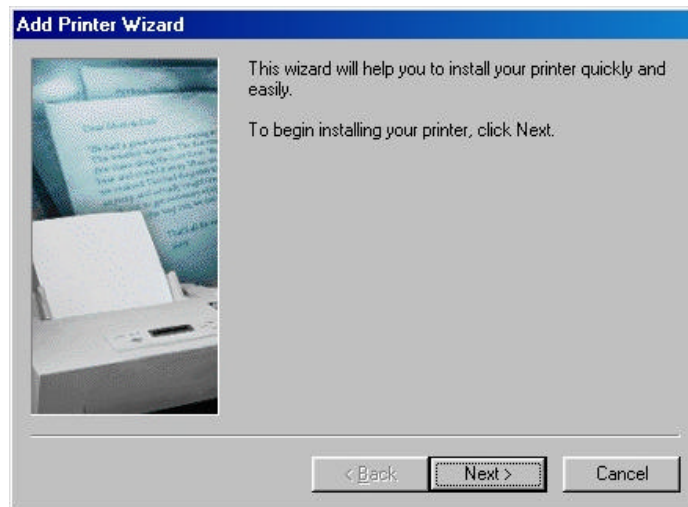
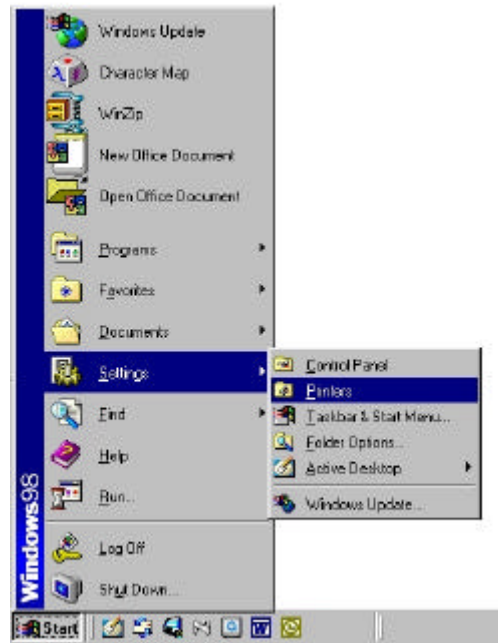
Next, attach the remaining end of the special serial cable to your computer's serial port. Refer to your computer's manual for the location of the serial port. Generally, the serial port is near where your printer or other parallel device connects to your computer and just below where your keyboard and mouse connect. **DO NOT FORCE THE CABLE INTO A PORT IF IT DOES NOT FIT EASILY.** Ensure the thumbscrews on the special serial cable are securely tightened before proceeding.

Installing The Printer Driver (Windows 9x)

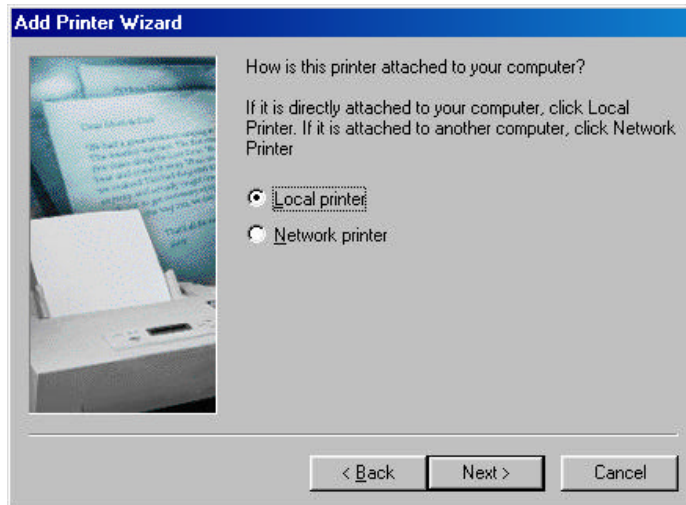
We are now ready to install your Verifone 250 Receipt Printer on your computer. Power-up the receipt printer and then power-up your computer. Once your computer has completed loading, proceed.

From your START menu, select SETTINGS > PRINTERS. This will open the PRINTERS FOLDER in a new window.

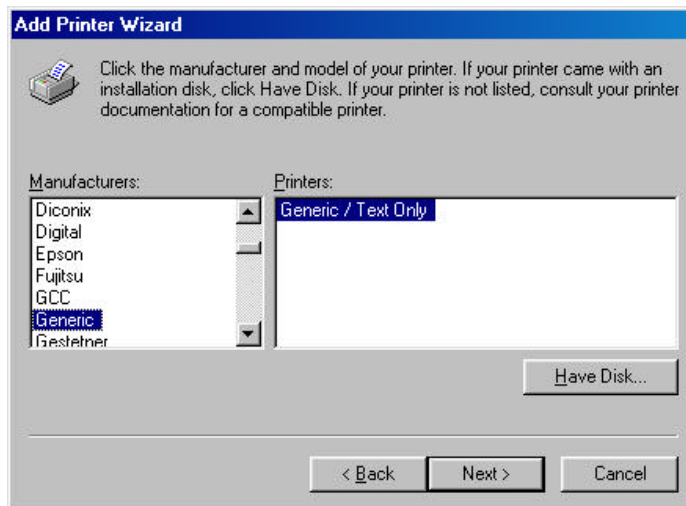
From this new window, double-click the ADD PRINTER item from the list of printers. This will open the ADD PRINTER WIZARD. From here, follow the diagrams of the ADD PRINTER WIZARD below to successfully install the Verifone 250 Receipt Printer.



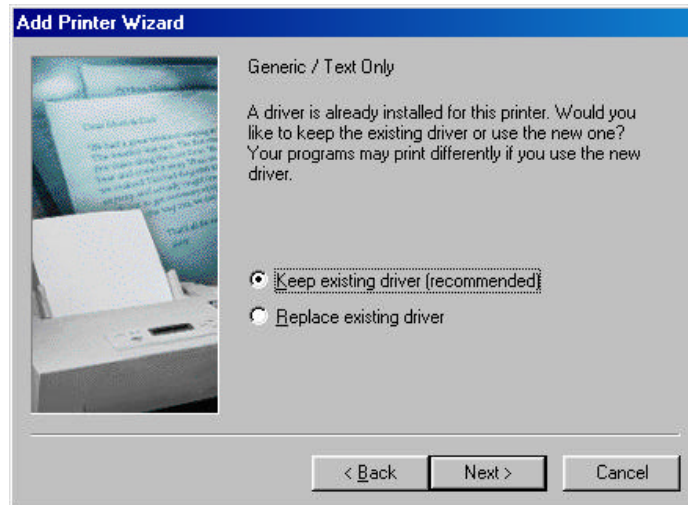
Click the NEXT button to proceed.



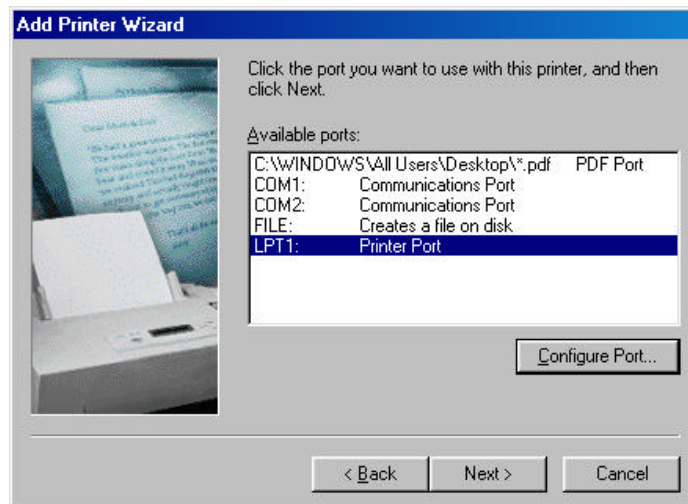
Choose "Local Printer". This choice should already be selected.
Click the NEXT button to proceed.



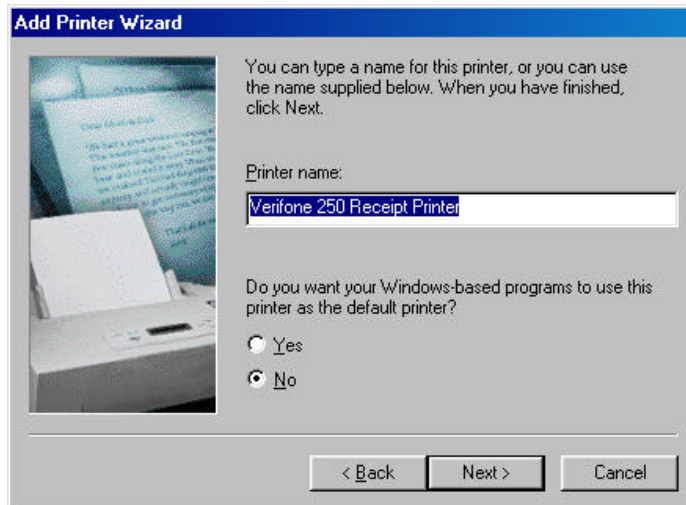
Choose "Generic" from the "Manufacturers" list on the left, and
choose "Generic / Text Only" from the "Printers" list on the left.
Click the NEXT button to proceed.



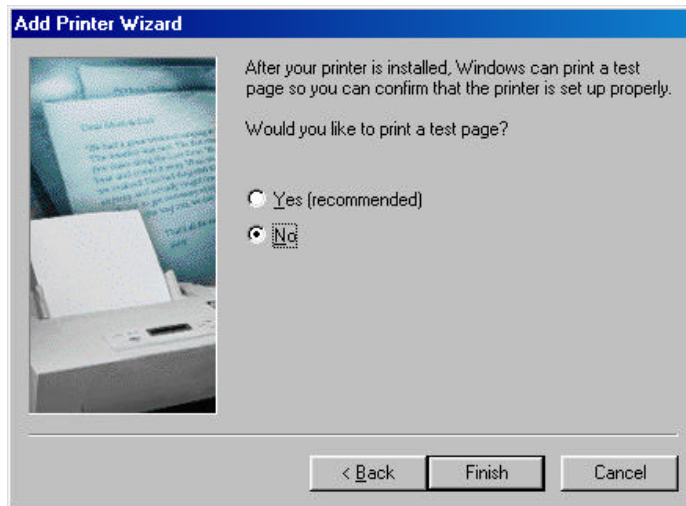
Ensure the “Keep existing driver” choice is highlighted and click the NEXT button to proceed.



If not already selected, choose LPT 1: as the Printer Port and click the NEXT button to proceed.



In the “Printer Name” box, delete the default name and type “Verifone 250 Receipt Printer”. Choose NO for the remaining option and click the NEXT button to continue.



Choose NO as we do not wish to print a test page. Click the FINISH button to complete this portion of the setup. You should now have a new printer named “Verifone 250 Receipt Printer” listed in the Printers window.

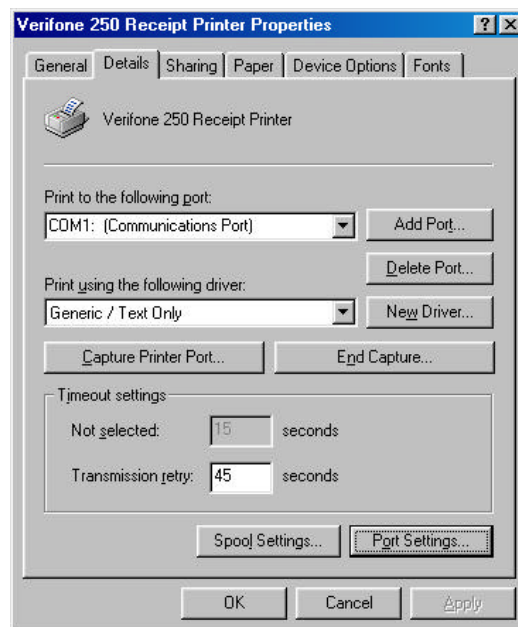
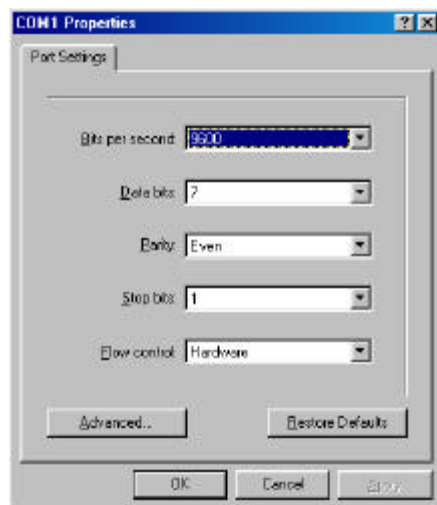
Now we need to tell Windows how to communicate with this printer. Right-click on the new printer in the Printers window. From the menu that appears, choose **PROPERTIES** and you should see a dialog similar to the illustration to the right.

Do not change any settings on this page. From the dialog, click on the **DETAILS** tab located near the top left corner and proceed to the next section.

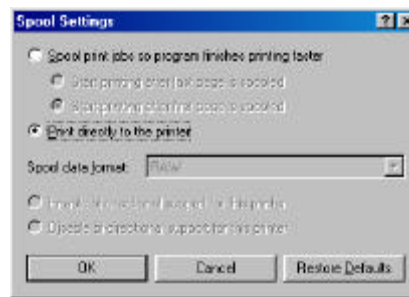


Setting Printer Defaults in Windows 98

Verify that all settings on this page match the information on your screen and then click the **PORT SETTINGS** button in the lower right corner of the dialog.



The “Bits per second” should be set to “9600”. Change “Data Bits” to “7” and “Parity” to “Even”. Finally, set “Stop Bits” “1” and “Flow Control” to “Hardware”. You do not need to click the ADVANCED RESTORE DEFAULTS buttons. Click the OK button when you have completed the changes.



to
or

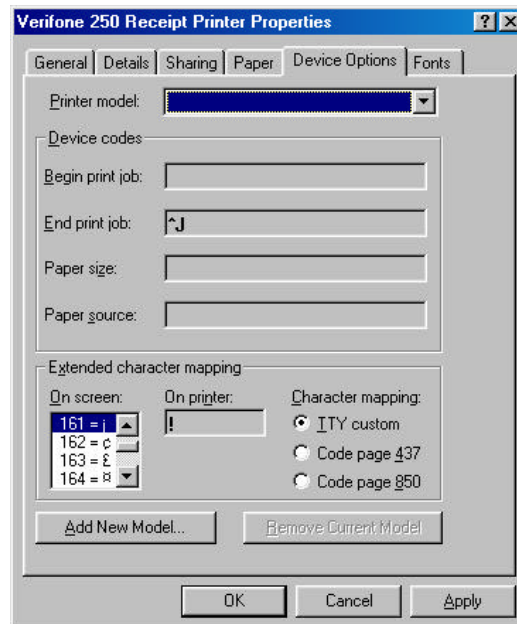
Now, click the SPOOL SETTINGS button. Choose “Print directly to the printer” and click the OK button to proceed.

Next, click the PAPER tab at the top of the dialog and choose “Custom” from the list of paper sizes. When you click on the “Custom” paper size, enter “400” for “Width” and “300” for “Length”. Click the OK button to return to the PAPER tab.



Change the “Paper source” to “Continuous – No Page Break”. Click on the UNPRINTABLE AREA button and ensure all values are set to “0”. Click the OK button in the Unprintable Area dialog and return to the PAPER tab.

Now, choose the DEVICE OPTIONS tab from the top of the dialog. Set the “Character Mapping” option to “TTY custom” if not already selected. Ensure “!” appears in the “On Printer” box. Finally, place your cursor in the box to the right of the “End Print Job” option. Hold down the control button on your keyboard and type a “J”. The text “^J” should appear in the box. Refer to the diagram to the right and ensure your screen looks the same. Click the APPLY button and then click the OK button to complete setting-up your printer in Windows 98.



Using The Verifone 250 Receipt Printer in MPI 2002

Congratulations, you are now ready to use the Verifone 250 Receipt Printer in MPI 2002. Start MPI 2002 and proceed to MAINTENANCE > DEFAULT VALUES menu item. Choose the CHECK CASHING tab.

Default Settings

Title Loans | Barcode & MICR Scanning | Security | Numbering
 General Settings | Forms & Contracts | Checks | Deferred Deposit Collections
 Title Loan Collections | Company Info | Printer Setup | **Check Cashing**

Check Cashing Receipt Printer:

Verifone 250 Receipt Printer on COM1:

☒ Use Built-In Receipt Printer Driver

Check Types:

Check Description	Transaction Type
All Checks	General Check Cashing

Setup Camera | OK | Cancel | Help

In the "Check Cashing Receipt Printer" option open the drop-down list of printers and find your new "Verifone 250 Receipt Printer on COM1:". Make sure you check the "Use Built-In Receipt Printer Driver" option. You are ready to use your new receipt printer in MPI 2002.

NOTE: Ensure your receipt printer is powered on before attempting to print a receipt in MPI 2002. If your receipt printer is not on, or is out of paper, MPI 2002 will attempt to reprint the receipt several times. If this happens, don't panic, the computer has not locked-up, but it may take up to a minute or two for the program to realize the printer is not available.